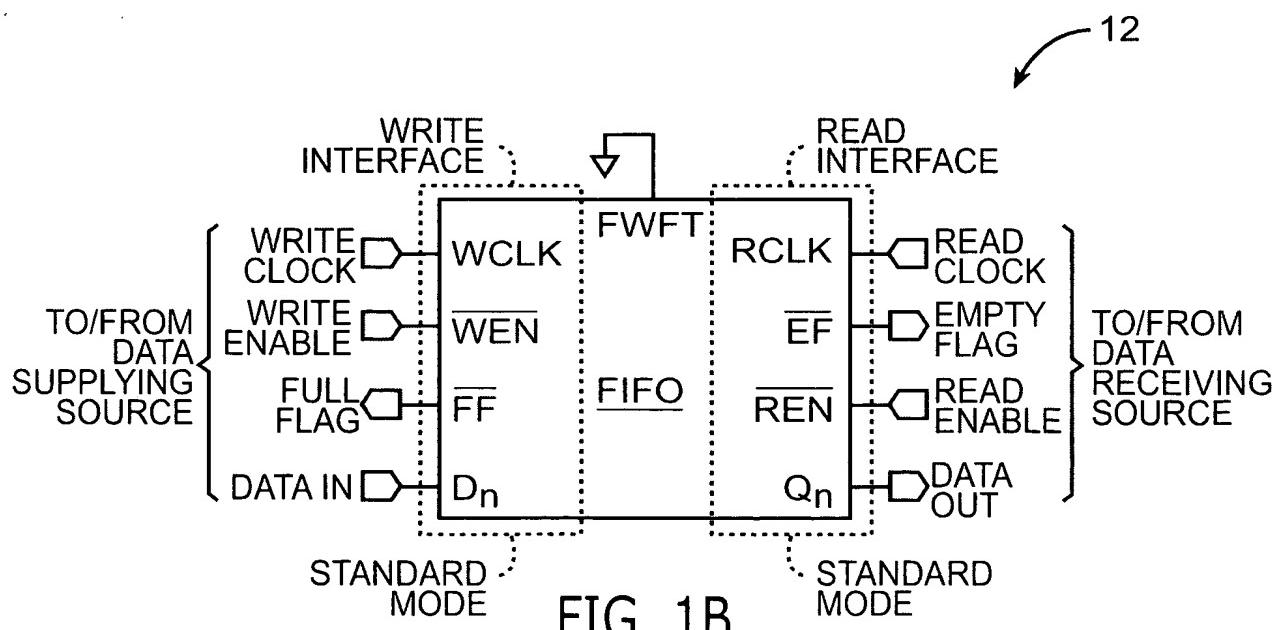


**FIG. 1A**  
(PRIOR ART)



**FIG. 1B**  
(PRIOR ART)

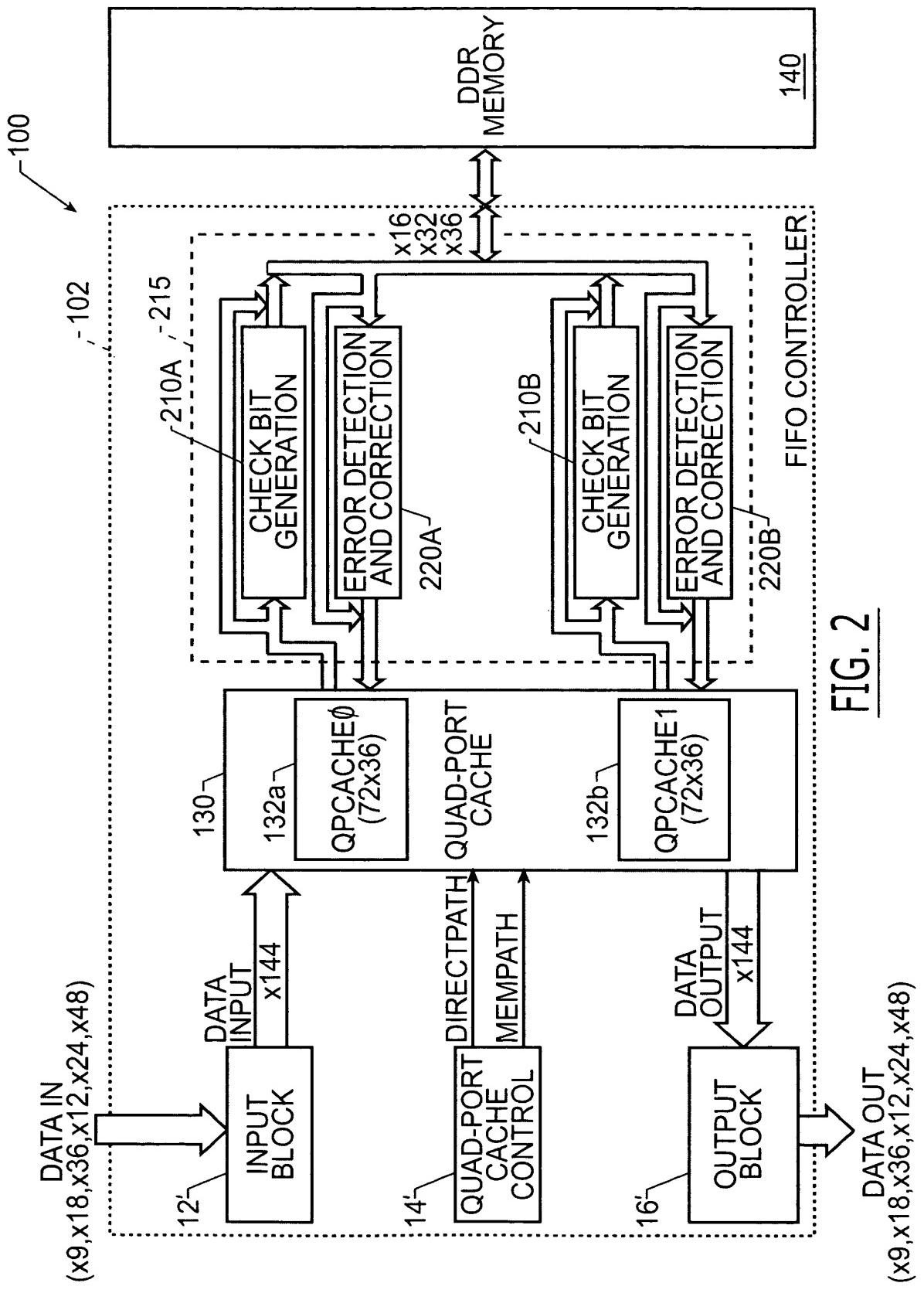


FIG. 2

DATA OUT  
 $(x9, x18, x36, x12, x24, x48)$

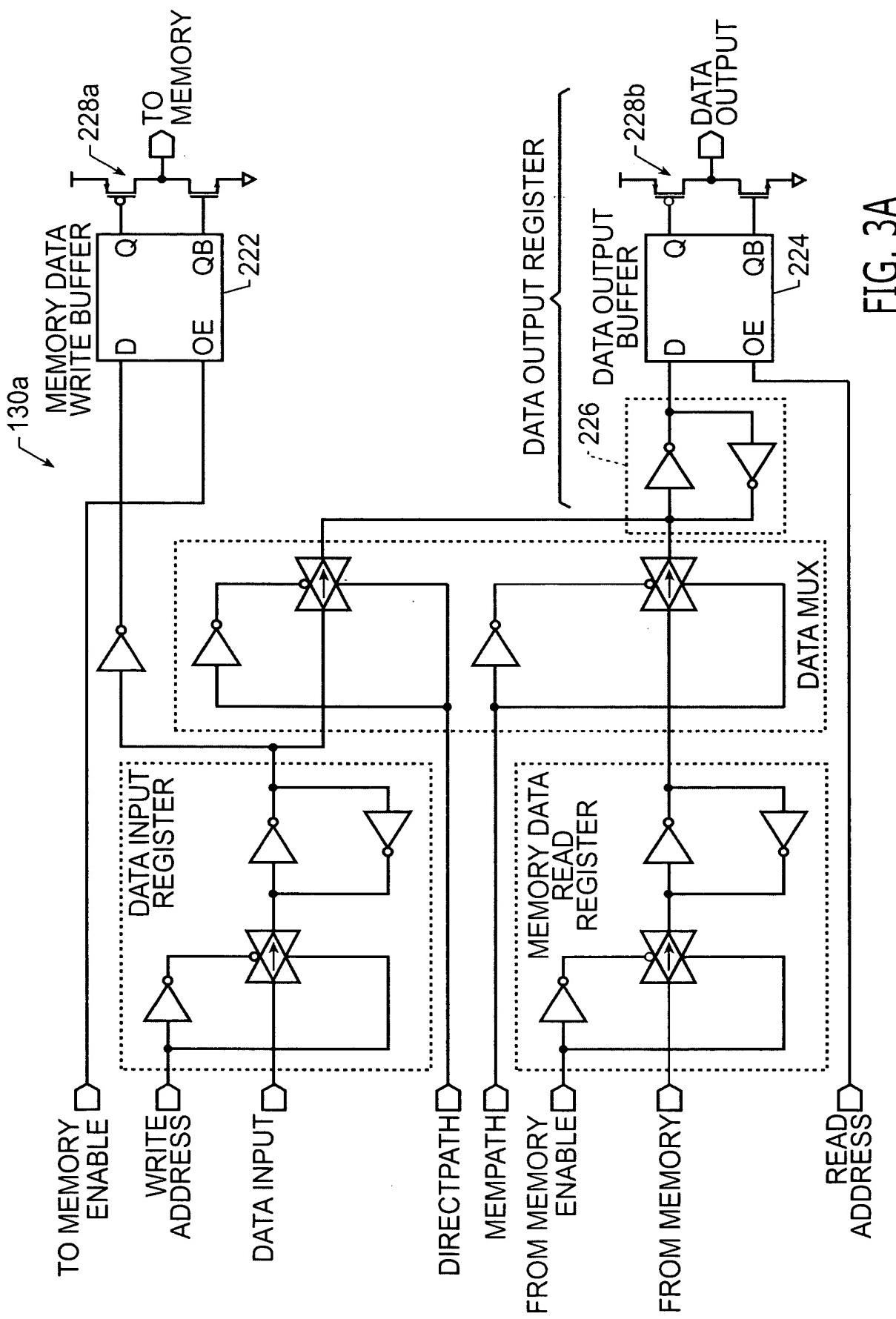
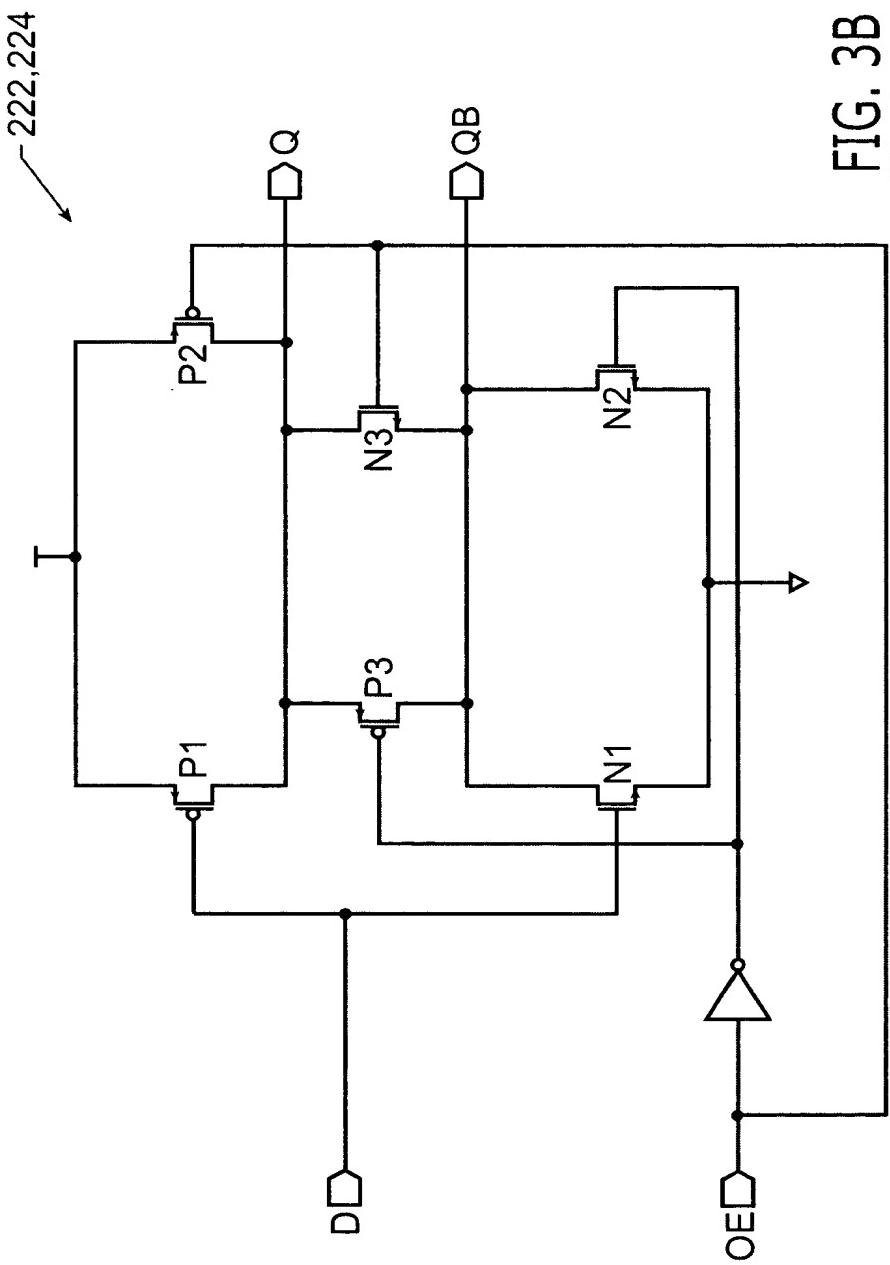
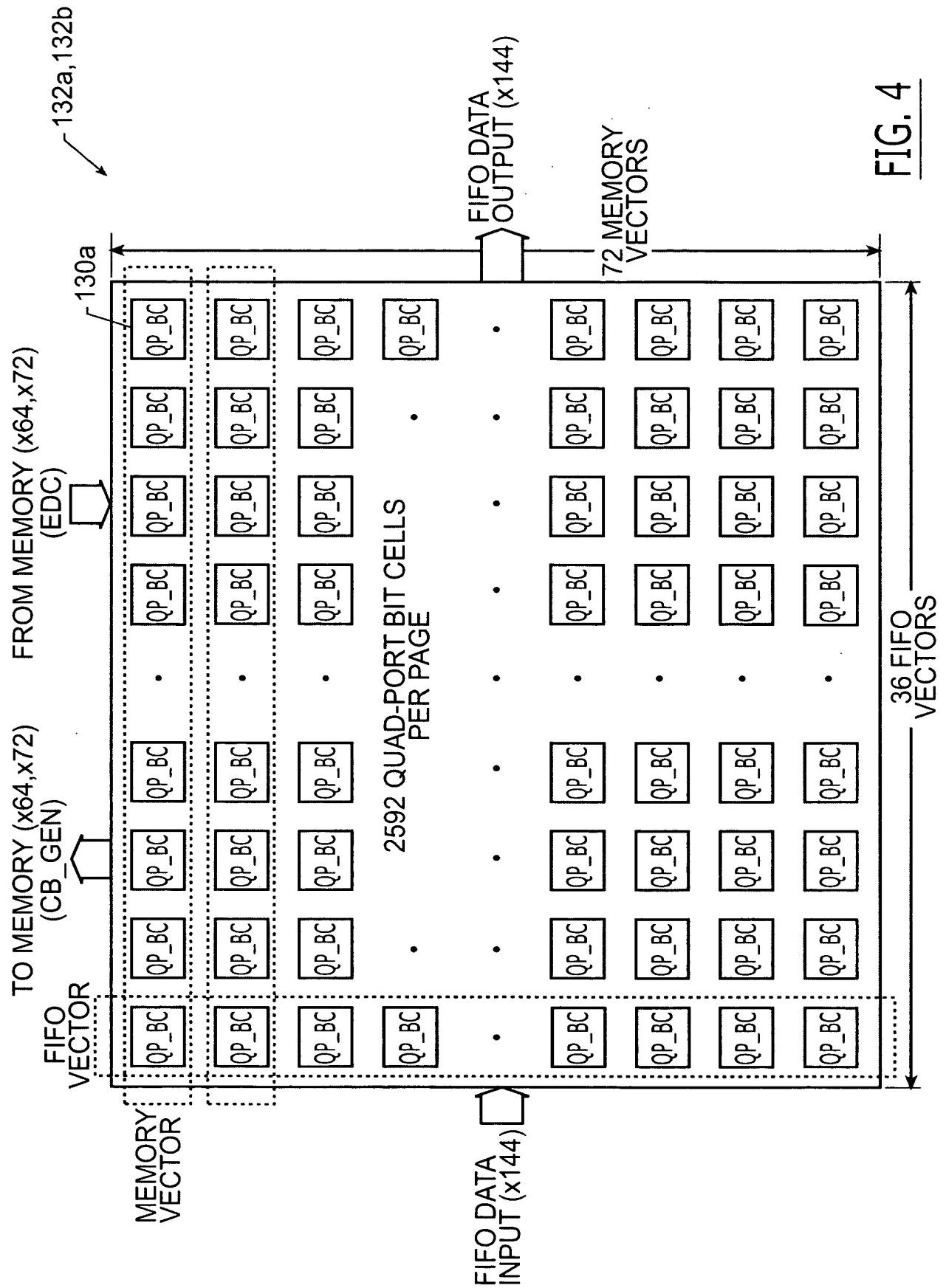
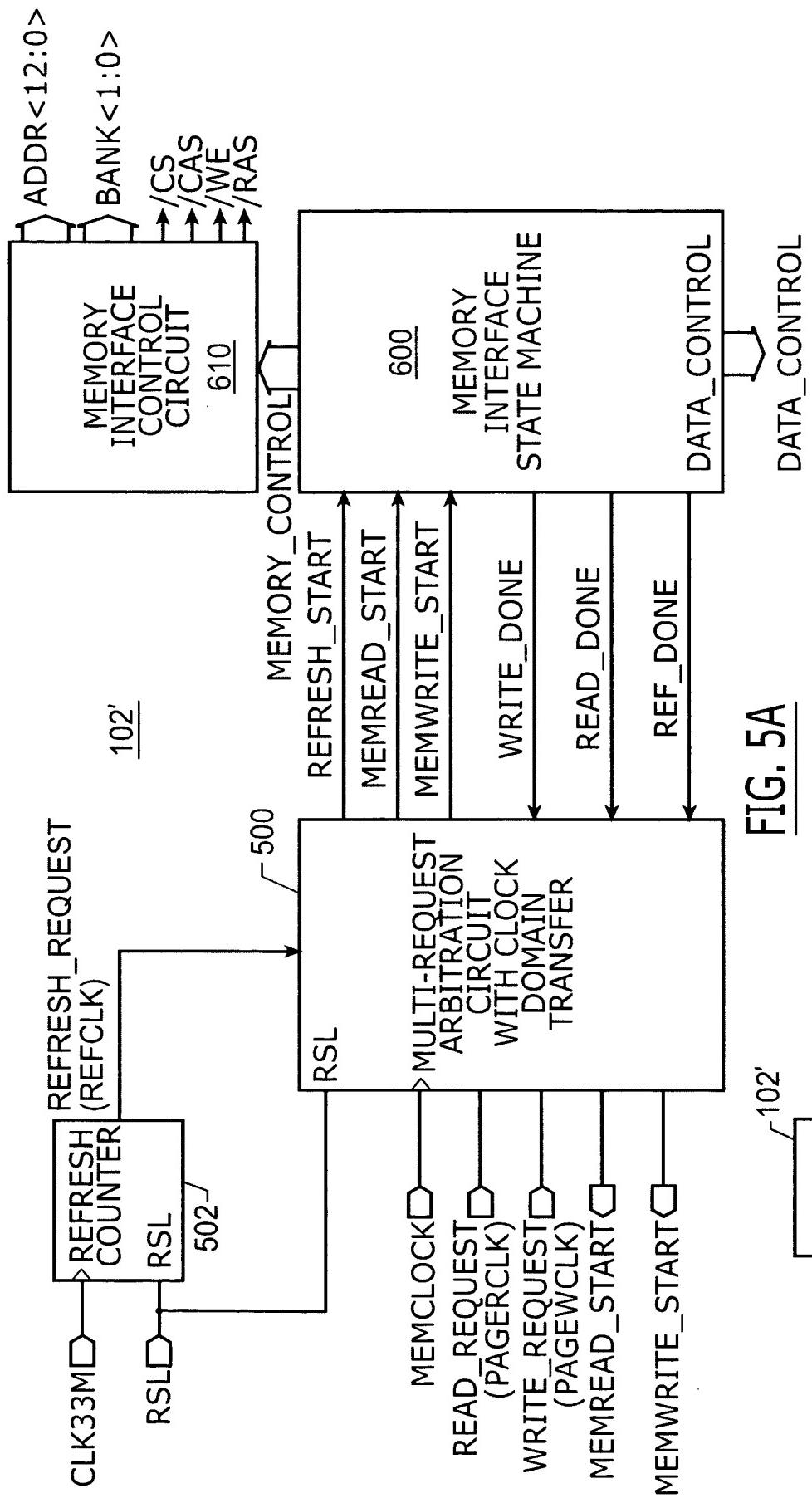


FIG. 3A

FIG. 3B

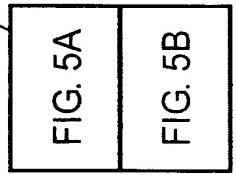


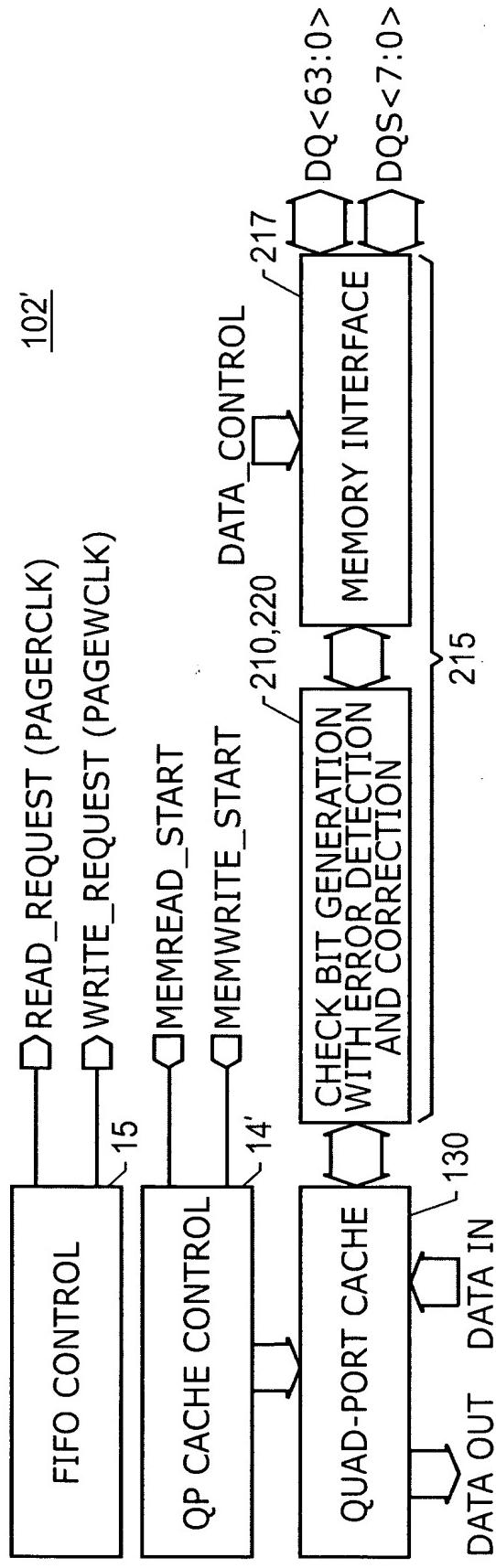




**FIG. 5A**

**FIG. 5**





**FIG. 5B**

**FIG. 6A**

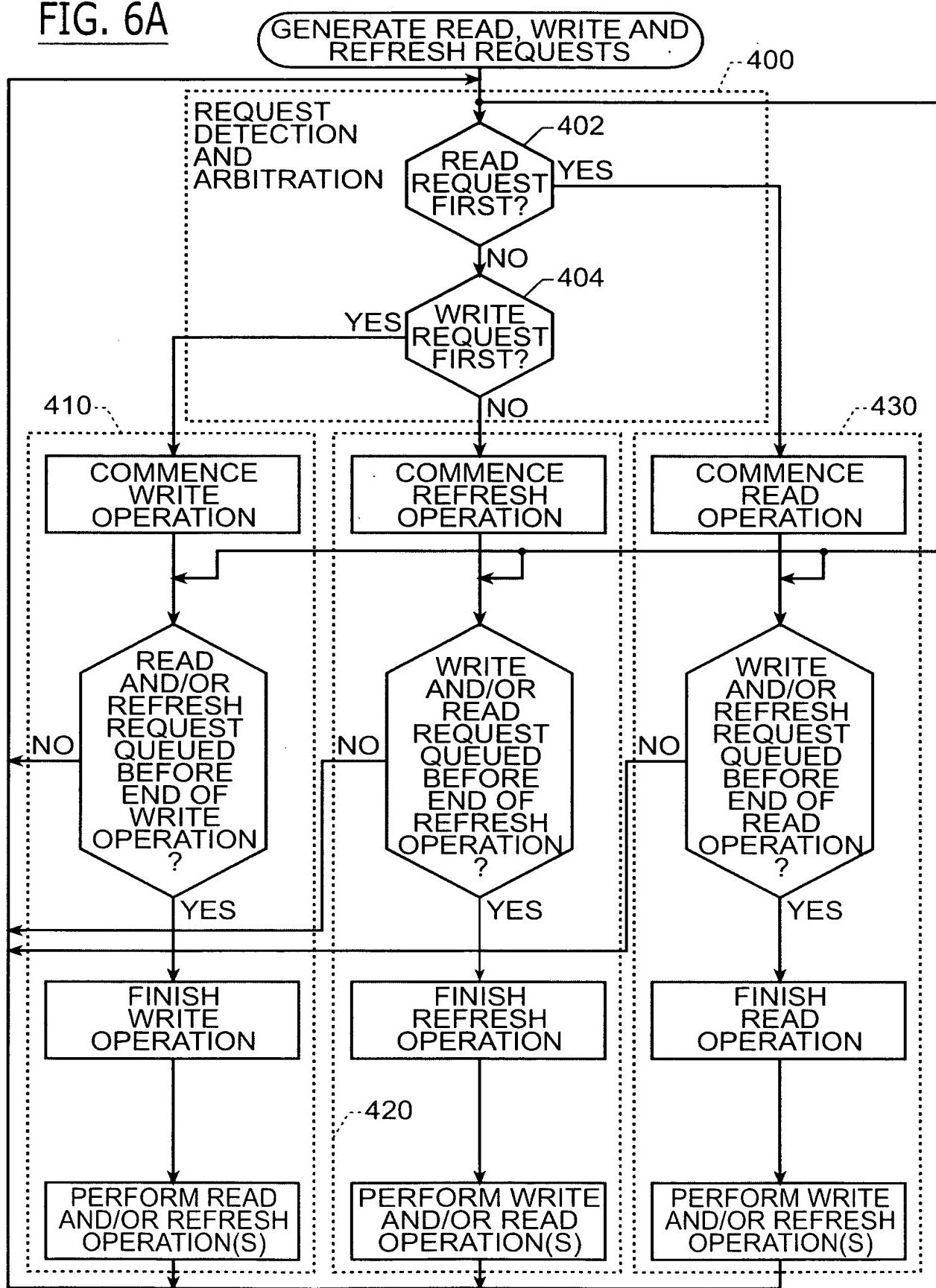
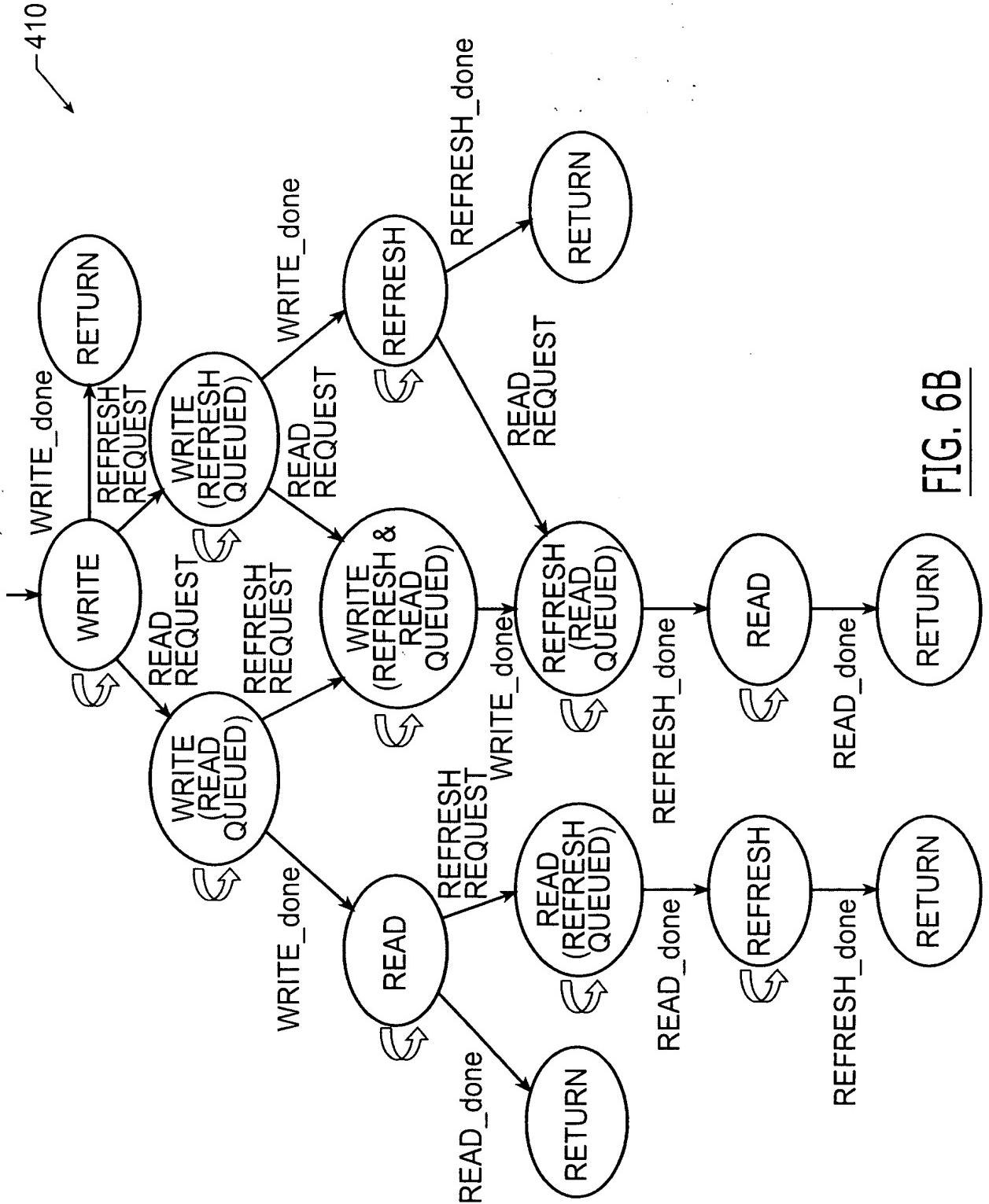
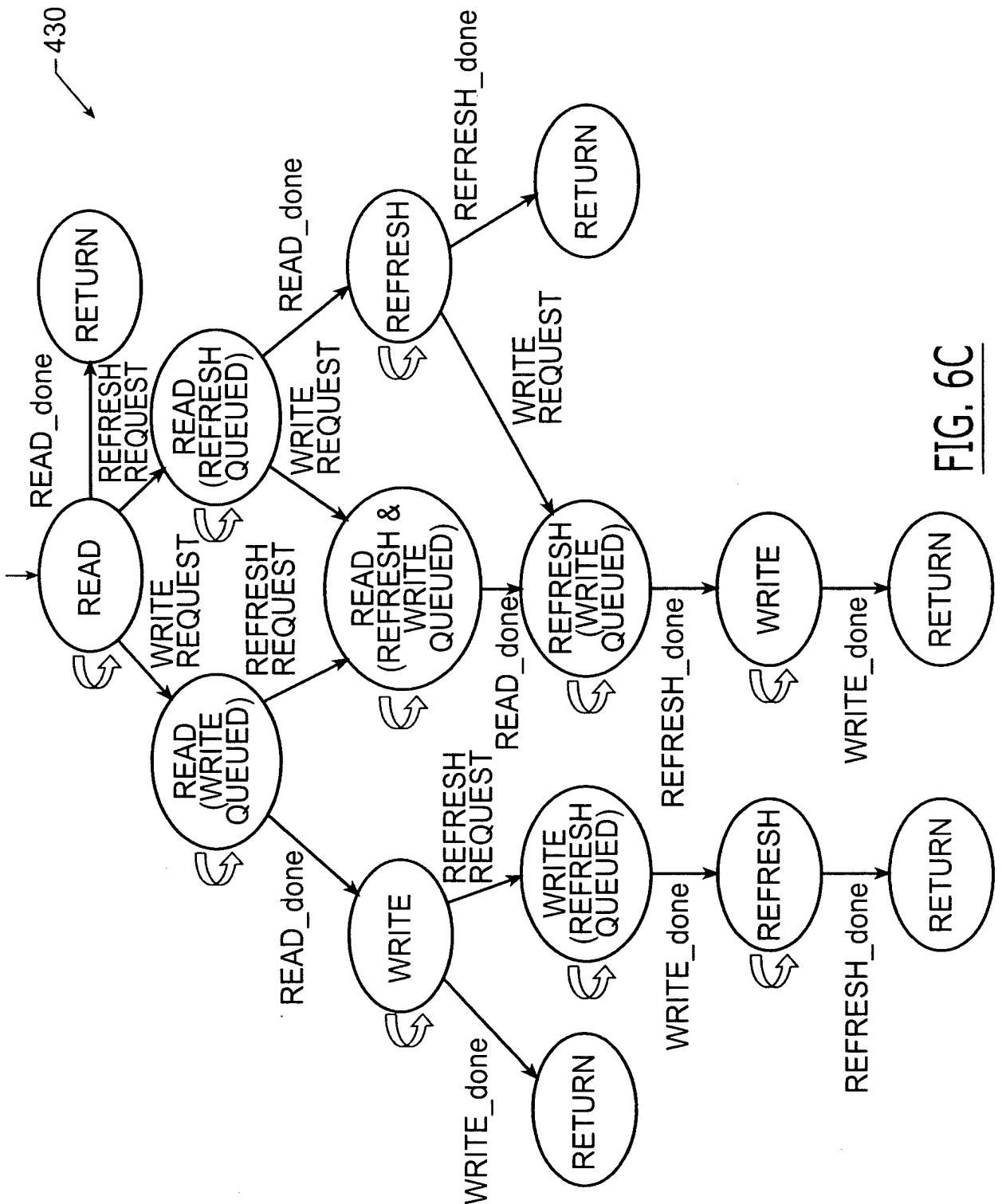


FIG. 6B





**FIG. 6C**

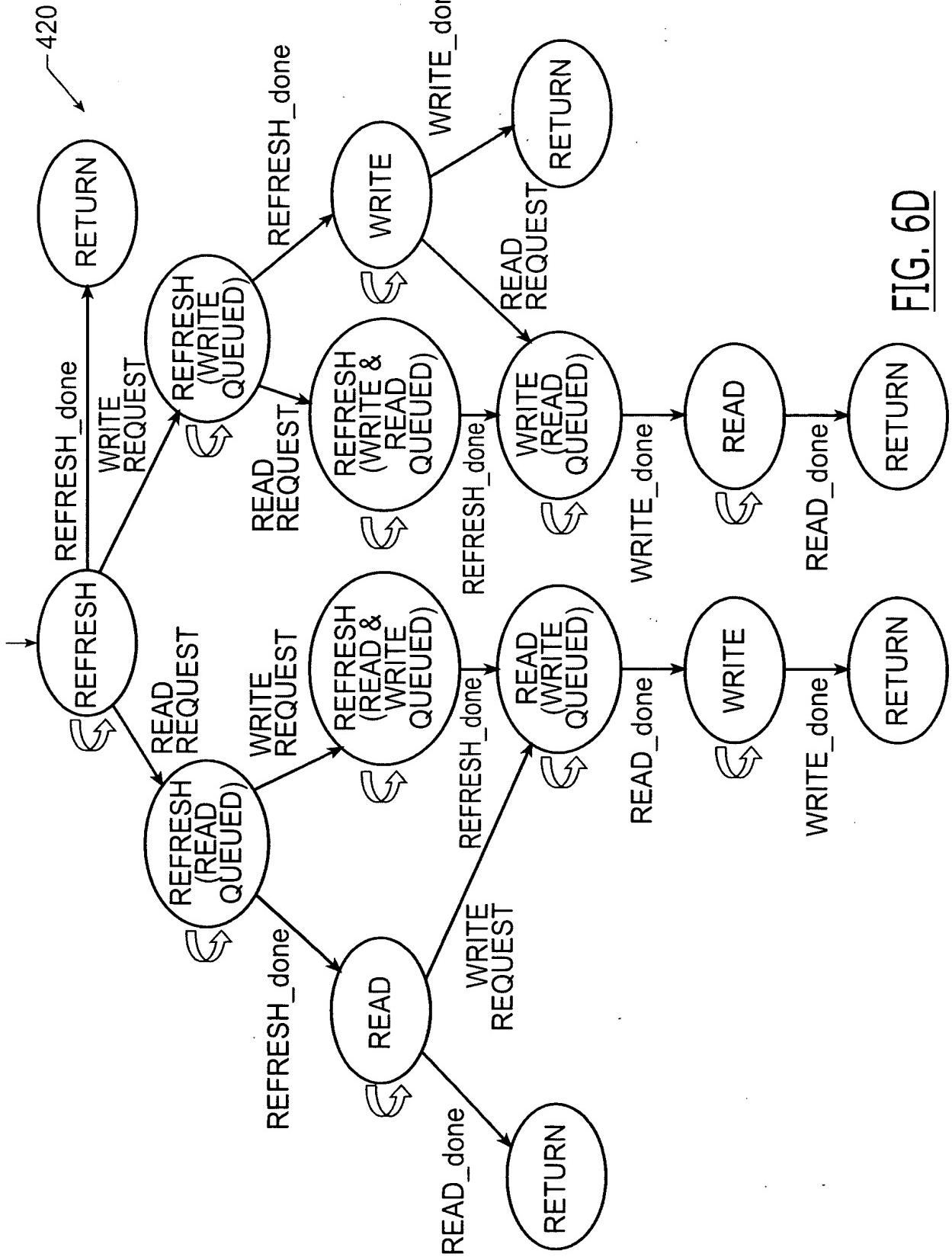
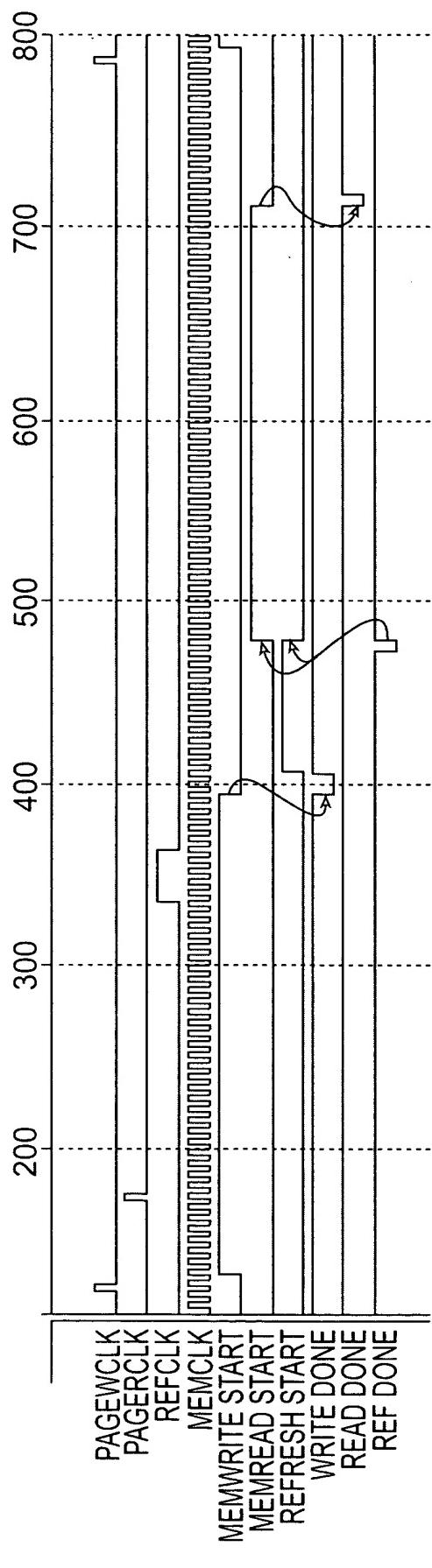
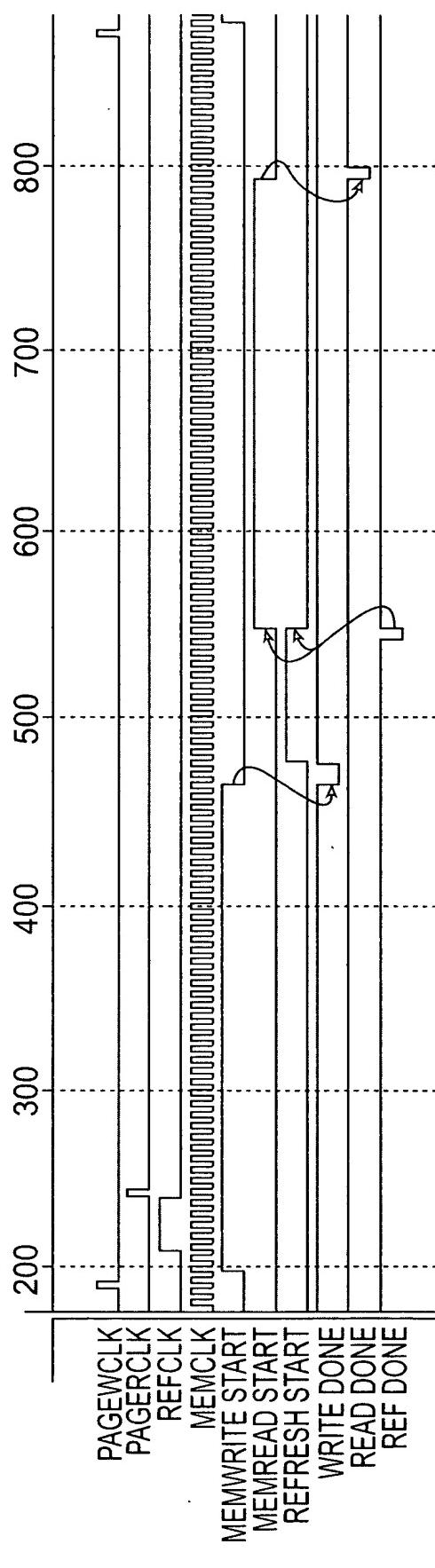


FIG. 6D

**WRITE → Refresh → READ**



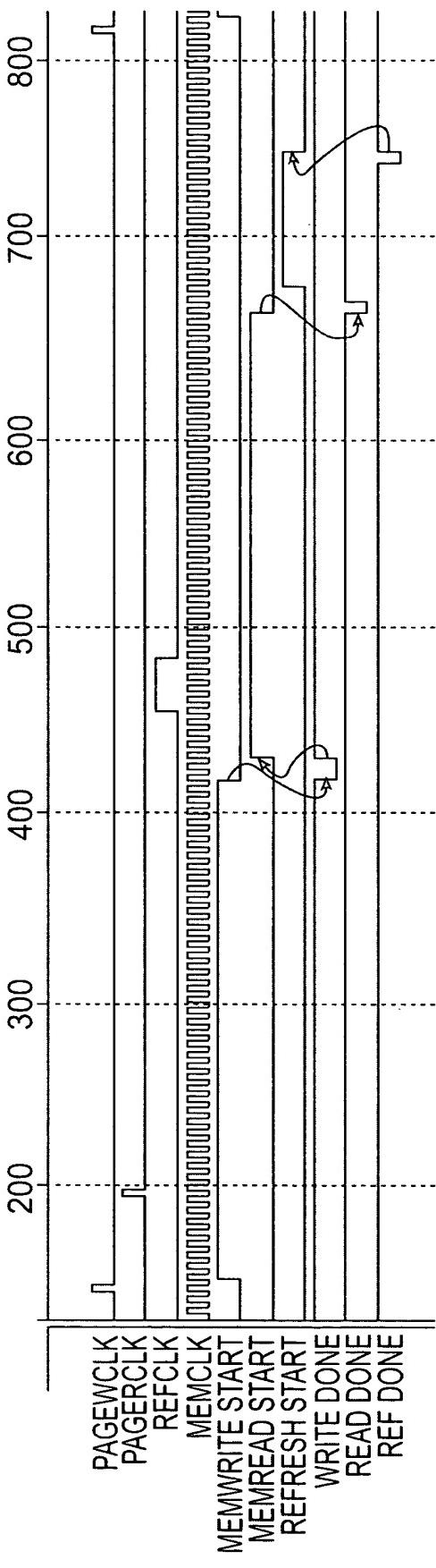
**WRITE → Refresh → READ**



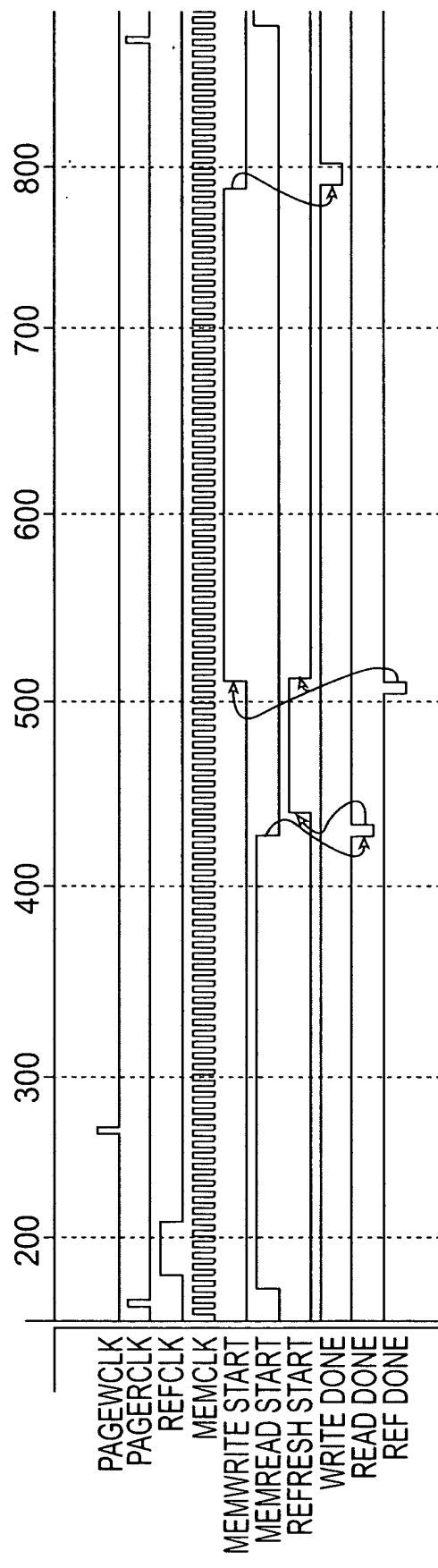
**FIG. 7A**

**FIG. 7B**

**WRITE → READ → Refresh**



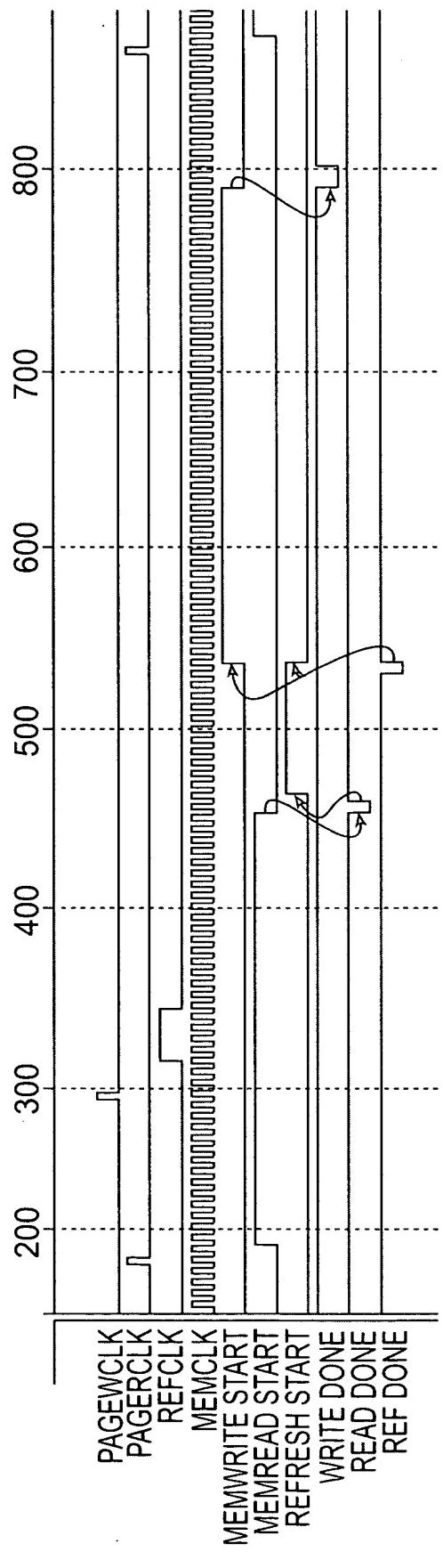
**READ → Refresh → WRITE**



**FIG. 7C**

**FIG. 7D**

READ → Refresh → WRITE



READ → WRITE → Refresh

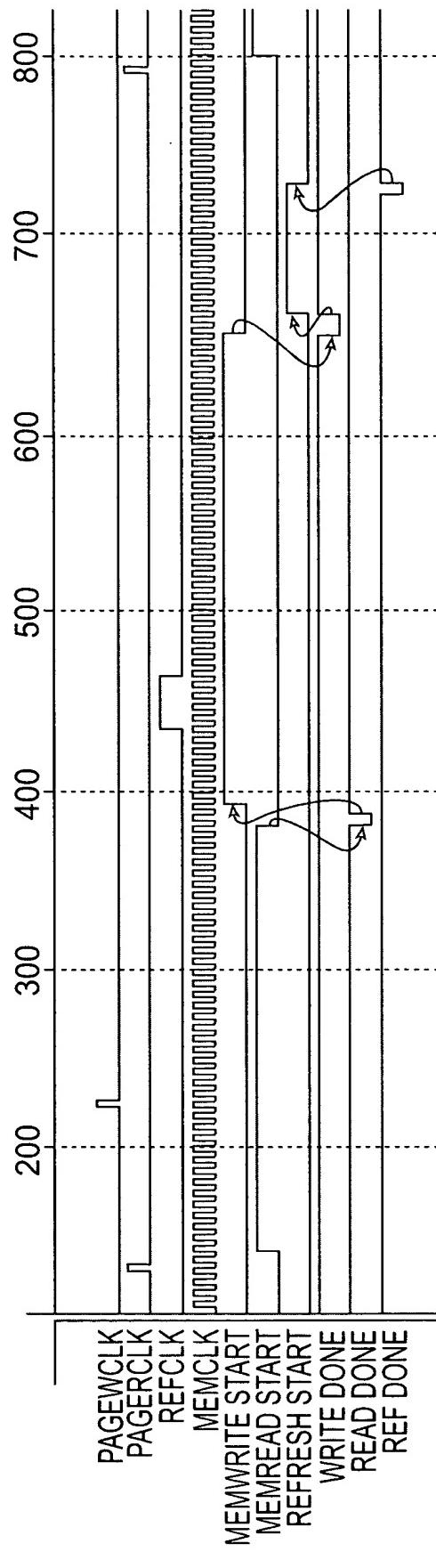
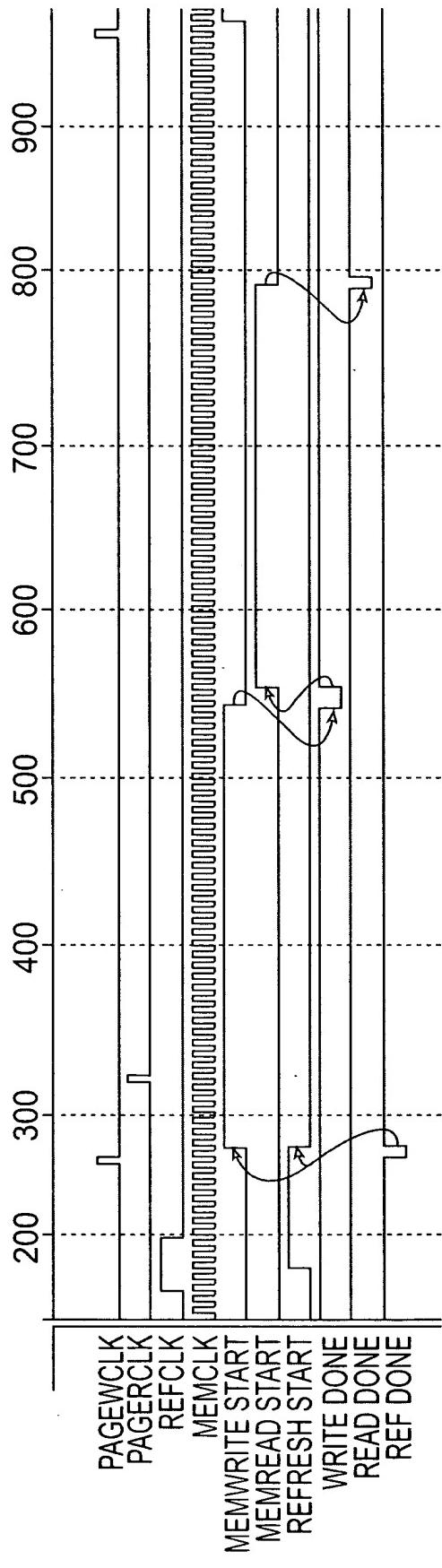


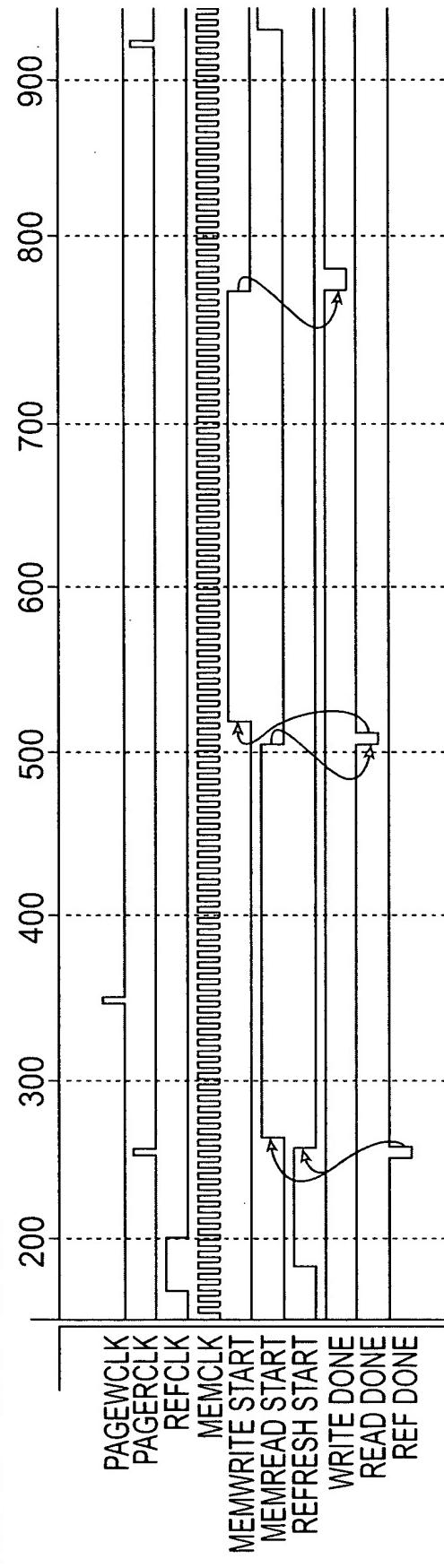
FIG. 7E

FIG. 7F

**Refresh→WRITE→READ**

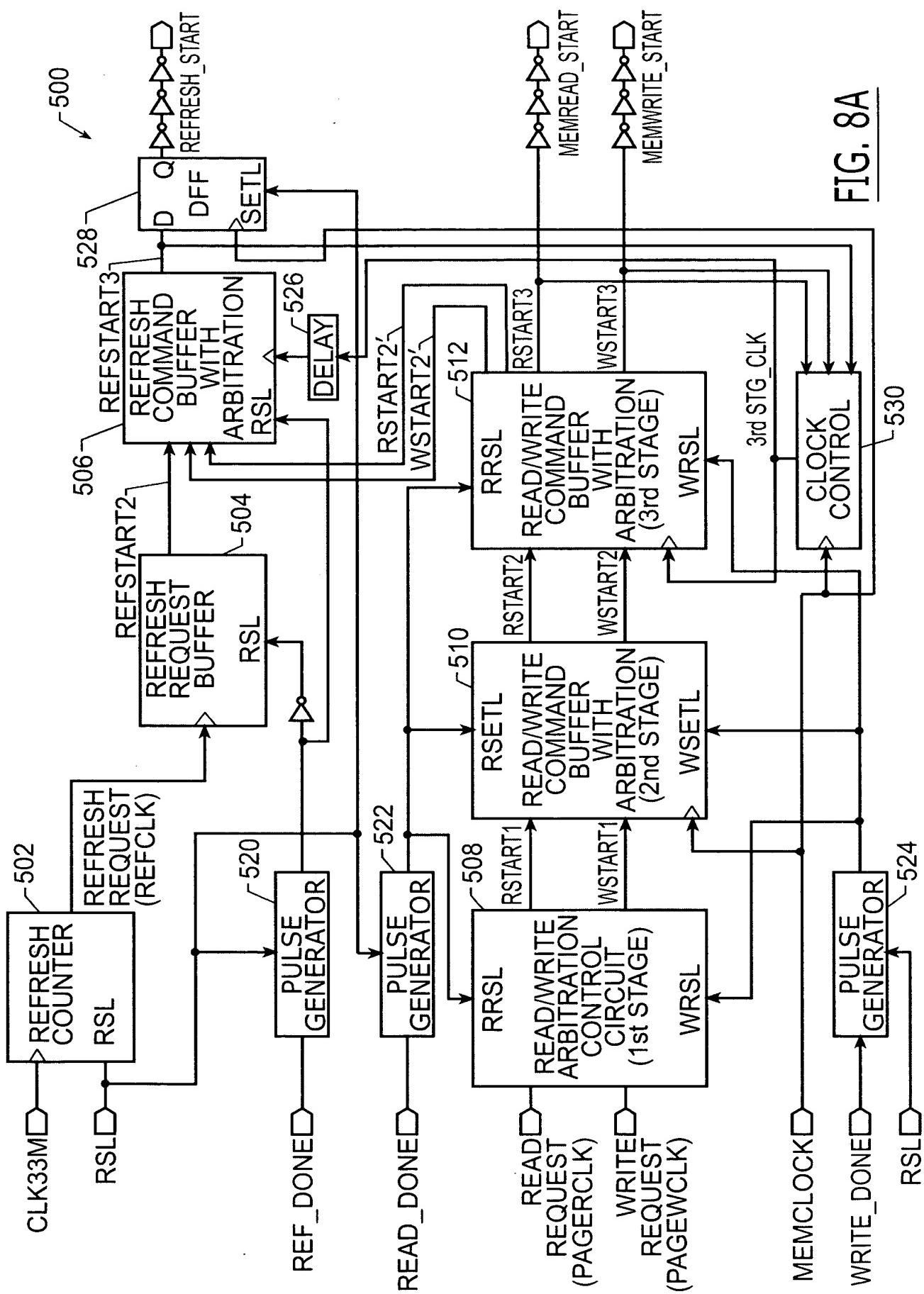


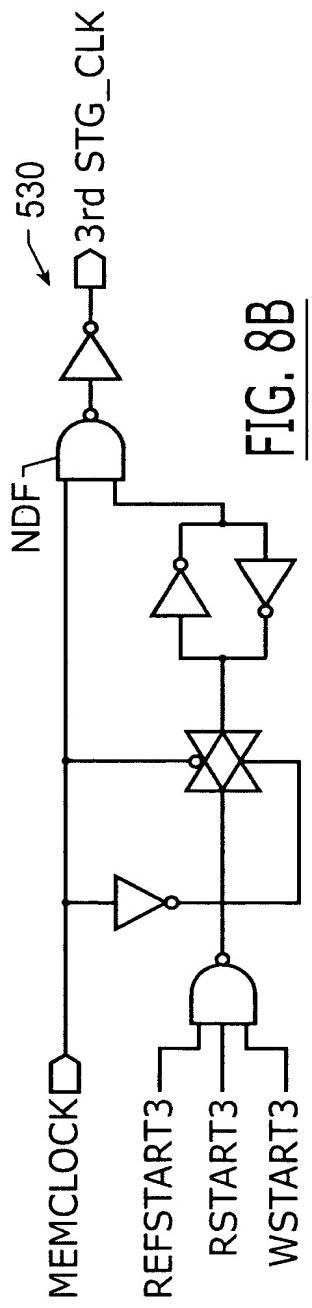
**Refresh→READ→WRITE**



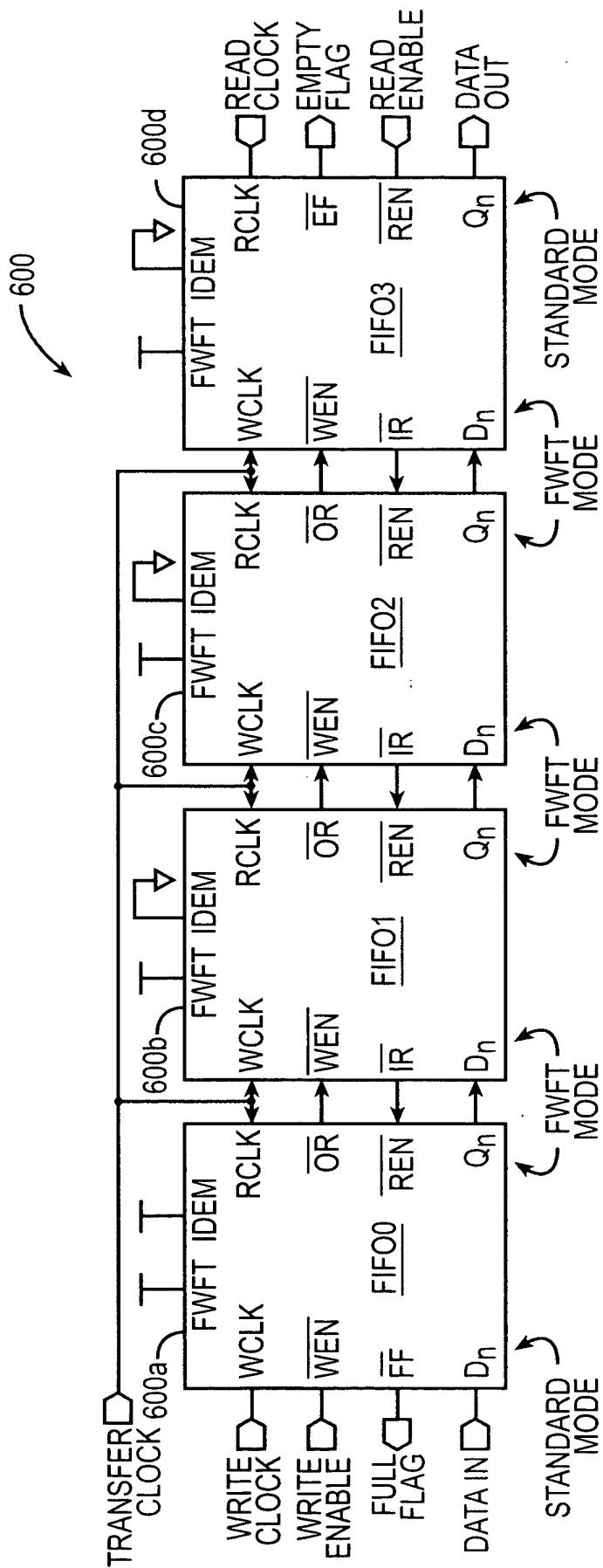
**FIG. 7G**

**FIG. 7H**

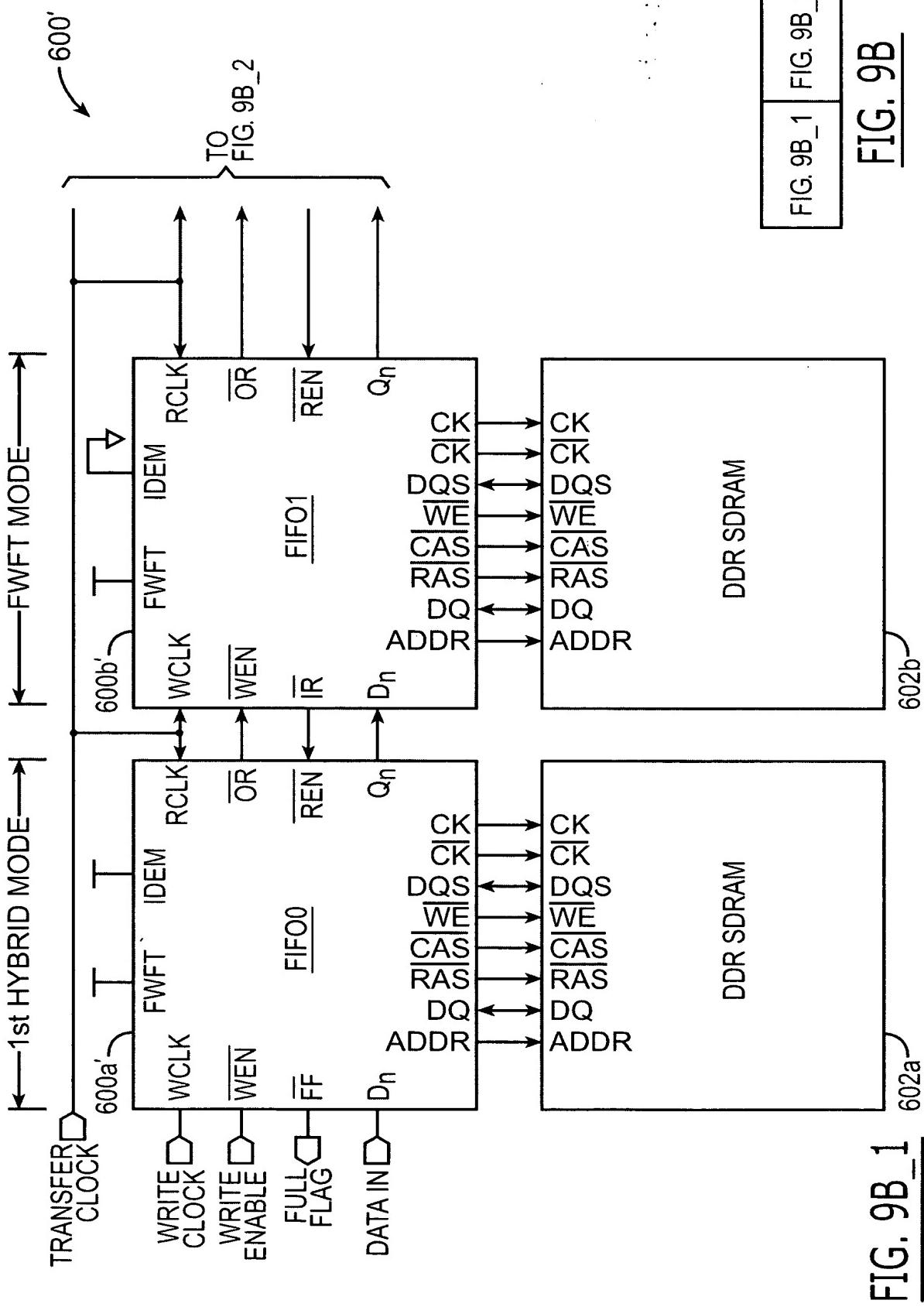


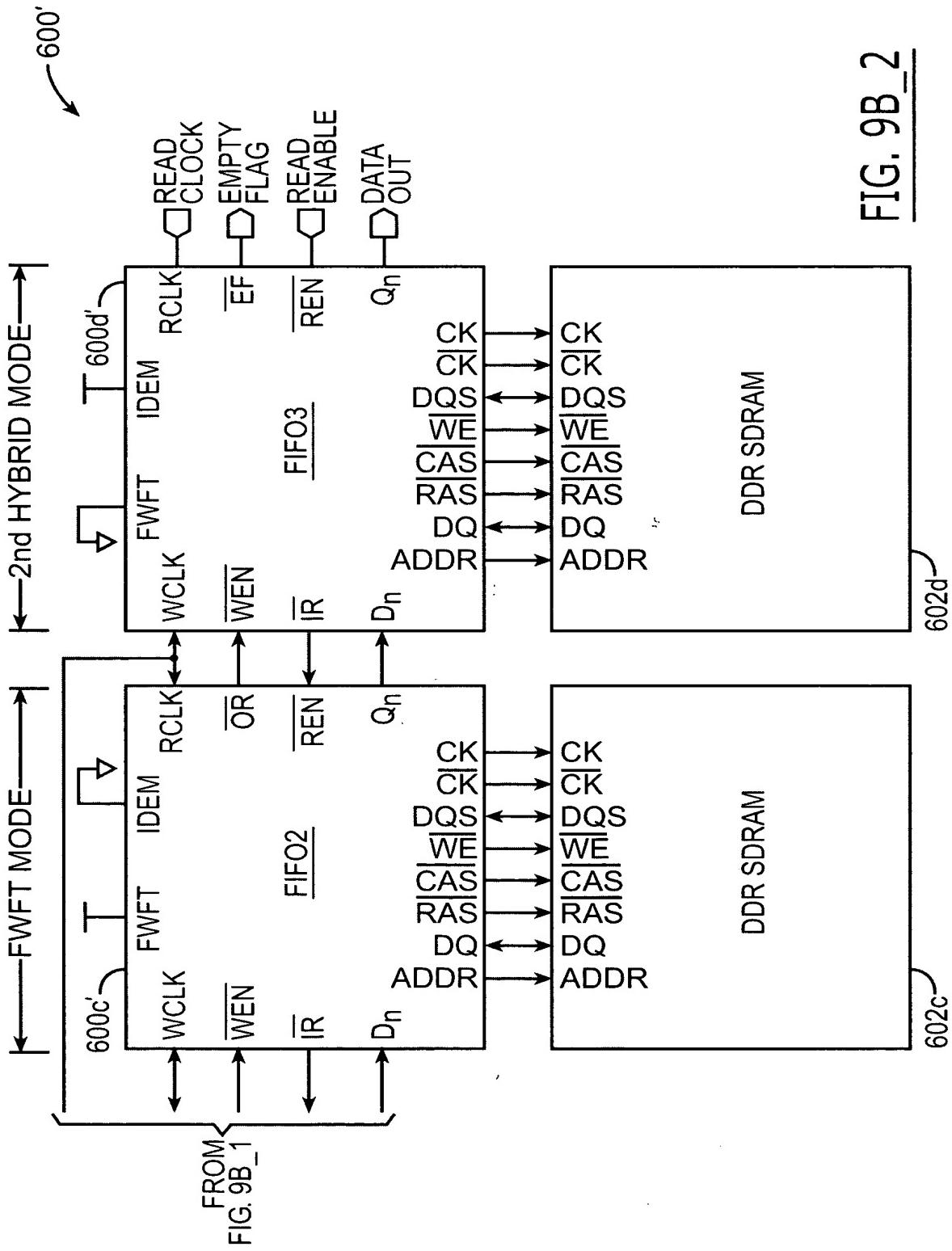


**FIG. 8B**



**FIG. 9A**





**FIG. 9B\_2**